

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/646,919  
Source: FFW16  
Date Processed by STIC: 3-1-05

***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/646,919

TIME: 07:40:46

Input Set : A:\TSRI 645.2C1.TXT

Output Set: N:\CRF4\03012005\J646919.raw

4 <110> APPLICANT: Barbas, Carlos F.  
 6 <120> TITLE OF INVENTION: Zinc-finger binding domains for GNN  
 9 <130> FILE REFERENCE: TSRI 645.2C1  
 11 <140> CURRENT APPLICATION NUMBER: US 10/646,919  
 12 <141> CURRENT FILING DATE: 2003-08-21  
 14 <150> PRIOR APPLICATION NUMBER: US 09/494,190  
 15 <151> PRIOR FILING DATE: 2000-01-28  
 17 <150> PRIOR APPLICATION NUMBER: PCT/EP99/07742  
 18 <151> PRIOR FILING DATE: 1999-10-14  
 20 <150> PRIOR APPLICATION NUMBER: US 09/173,941  
 21 <151> PRIOR FILING DATE: 1998-10-16  
 23 <160> NUMBER OF SEQ ID NOS: 129  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 7  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Synthesized  
 35 <400> SEQUENCE: 1  
 36 Gln Ser Ser Asn Leu Val Arg  
 37 1 5  
 40 <210> SEQ ID NO: 2  
 41 <211> LENGTH: 7  
 42 <212> TYPE: PRT  
 43 <213> ORGANISM: Artificial Sequence  
 45 <220> FEATURE:  
 46 <223> OTHER INFORMATION: Synthesized  
 48 <400> SEQUENCE: 2  
 49 Asp Pro Gly Asn Leu Val Arg  
 50 1 5  
 53 <210> SEQ ID NO: 3  
 54 <211> LENGTH: 7  
 55 <212> TYPE: PRT  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:  
 59 <223> OTHER INFORMATION: Synthesized  
 61 <400> SEQUENCE: 3  
 62 Arg Ser Asp Asn Leu Val Arg  
 63 1 5  
 66 <210> SEQ ID NO: 4  
 67 <211> LENGTH: 7  
 68 <212> TYPE: PRT

(pg. 6)

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/646,919

TIME: 07:40:46

Input Set : A:\TSRI 645.2C1.TXT

Output Set: N:\CRF4\03012005\J646919.raw

69 <213> ORGANISM: Artificial Sequence  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: Synthesized  
74 <400> SEQUENCE: 4  
75 Thr Ser Gly Asn Leu Val Arg  
76 1 5  
79 <210> SEQ ID NO: 5  
80 <211> LENGTH: 7  
81 <212> TYPE: PRT  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Synthesized  
87 <400> SEQUENCE: 5  
88 Gln Ser Gly Asp Leu Arg Arg  
89 1 5  
92 <210> SEQ ID NO: 6  
93 <211> LENGTH: 7  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Synthesized  
100 <400> SEQUENCE: 6  
101 Asp Cys Arg Asp Leu Ala Arg  
102 1 5  
105 <210> SEQ ID NO: 7  
106 <211> LENGTH: 7  
107 <212> TYPE: PRT  
108 <213> ORGANISM: Artificial Sequence  
110 <220> FEATURE:  
111 <223> OTHER INFORMATION: Synthesized  
113 <400> SEQUENCE: 7  
114 Arg Ser Asp Asp Leu Val Lys  
115 1 5  
118 <210> SEQ ID NO: 8  
119 <211> LENGTH: 7  
120 <212> TYPE: PRT  
121 <213> ORGANISM: Artificial Sequence  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: Synthesized  
126 <400> SEQUENCE: 8  
127 Thr Ser Gly Glu Leu Val Arg  
128 1 5  
131 <210> SEQ ID NO: 9  
132 <211> LENGTH: 7  
133 <212> TYPE: PRT  
134 <213> ORGANISM: Artificial Sequence  
136 <220> FEATURE:  
137 <223> OTHER INFORMATION: Synthesized  
139 <400> SEQUENCE: 9

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/646,919

TIME: 07:40:46

Input Set : A:\TSRI 645.2C1.TXT

Output Set: N:\CRF4\03012005\J646919.raw

140 Gln Arg Ala His Leu Glu Arg  
141 1 5  
144 <210> SEQ ID NO: 10  
145 <211> LENGTH: 7  
146 <212> TYPE: PRT  
147 <213> ORGANISM: Artificial Sequence  
149 <220> FEATURE:  
150 <223> OTHER INFORMATION: Synthesized  
152 <400> SEQUENCE: 10  
153 Asp Pro Gly His Leu Val Arg  
154 1 5  
157 <210> SEQ ID NO: 11  
158 <211> LENGTH: 7  
159 <212> TYPE: PRT  
160 <213> ORGANISM: Artificial Sequence  
162 <220> FEATURE:  
163 <223> OTHER INFORMATION: Synthesized  
165 <400> SEQUENCE: 11  
166 Arg Ser Asp Lys Leu Val Arg  
167 1 5  
170 <210> SEQ ID NO: 12  
171 <211> LENGTH: 7  
172 <212> TYPE: PRT  
173 <213> ORGANISM: Artificial Sequence  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: Synthesized  
178 <400> SEQUENCE: 12  
179 Thr Ser Gly His Leu Val Arg  
180 1 5  
183 <210> SEQ ID NO: 13  
184 <211> LENGTH: 7  
185 <212> TYPE: PRT  
186 <213> ORGANISM: Artificial Sequence  
188 <220> FEATURE:  
189 <223> OTHER INFORMATION: Synthesized  
191 <400> SEQUENCE: 13  
192 Gln Ser Ser Ser Leu Val Arg  
193 1 5  
196 <210> SEQ ID NO: 14  
197 <211> LENGTH: 7  
198 <212> TYPE: PRT  
199 <213> ORGANISM: Artificial Sequence  
201 <220> FEATURE:  
202 <223> OTHER INFORMATION: Synthesized  
204 <400> SEQUENCE: 14  
205 Asp Pro Gly Ala Leu Val Arg  
206 1 5  
209 <210> SEQ ID NO: 15  
210 <211> LENGTH: 7

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/646,919

TIME: 07:40:46

Input Set : A:\TSRI 645.2C1.TXT

Output Set: N:\CRF4\03012005\J646919.raw

211 <212> TYPE: PRT  
212 <213> ORGANISM: Artificial Sequence  
214 <220> FEATURE:  
215 <223> OTHER INFORMATION: Synthesized  
217 <400> SEQUENCE: 15  
218 Arg Ser Asp Glu Leu Val Arg  
219 1 5  
222 <210> SEQ ID NO: 16  
223 <211> LENGTH: 7  
224 <212> TYPE: PRT  
225 <213> ORGANISM: Artificial Sequence  
227 <220> FEATURE:  
228 <223> OTHER INFORMATION: Synthesized  
230 <400> SEQUENCE: 16  
231 Thr Ser Gly Ser Leu Val Arg  
232 1 5  
235 <210> SEQ ID NO: 17  
236 <211> LENGTH: 7  
237 <212> TYPE: PRT  
238 <213> ORGANISM: Artificial Sequence  
240 <220> FEATURE:  
241 <223> OTHER INFORMATION: Synthesized  
243 <400> SEQUENCE: 17  
244 Gln Arg Ser Asn Leu Val Arg  
245 1 5  
248 <210> SEQ ID NO: 18  
249 <211> LENGTH: 7  
250 <212> TYPE: PRT  
251 <213> ORGANISM: Artificial Sequence  
253 <220> FEATURE:  
254 <223> OTHER INFORMATION: Synthesized  
256 <400> SEQUENCE: 18  
257 Gln Ser Gly Asn Leu Val Arg  
258 1 5  
261 <210> SEQ ID NO: 19  
262 <211> LENGTH: 7  
263 <212> TYPE: PRT  
264 <213> ORGANISM: Artificial Sequence  
266 <220> FEATURE:  
267 <223> OTHER INFORMATION: Synthesized  
269 <400> SEQUENCE: 19  
270 Gln Pro Gly Asn Leu Val Arg  
271 1 5  
274 <210> SEQ ID NO: 20  
275 <211> LENGTH: 7  
276 <212> TYPE: PRT  
277 <213> ORGANISM: Artificial Sequence  
279 <220> FEATURE:  
280 <223> OTHER INFORMATION: Synthesized

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/646,919

TIME: 07:40:46

Input Set : A:\TSRI 645.2C1.TXT

Output Set: N:\CRF4\03012005\J646919.raw

282 <400> SEQUENCE: 20  
283 Asp Pro Gly Asn Leu Lys Arg  
284 1 5  
287 <210> SEQ ID NO: 21  
288 <211> LENGTH: 7  
289 <212> TYPE: PRT  
290 <213> ORGANISM: Artificial Sequence  
292 <220> FEATURE:  
293 <223> OTHER INFORMATION: Synthesized  
295 <400> SEQUENCE: 21  
296 Arg Ser Asp Asn Leu Arg Arg  
297 1 5  
300 <210> SEQ ID NO: 22  
301 <211> LENGTH: 7  
302 <212> TYPE: PRT  
303 <213> ORGANISM: Artificial Sequence  
305 <220> FEATURE:  
306 <223> OTHER INFORMATION: Synthesized  
308 <400> SEQUENCE: 22  
309 Lys Ser Ala Asn Leu Val Arg  
310 1 5  
313 <210> SEQ ID NO: 23  
314 <211> LENGTH: 7  
315 <212> TYPE: PRT  
316 <213> ORGANISM: Artificial Sequence  
318 <220> FEATURE:  
319 <223> OTHER INFORMATION: Synthesized  
321 <400> SEQUENCE: 23  
322 Arg Ser Asp Asn Leu Val Lys  
323 1 5  
326 <210> SEQ ID NO: 24  
327 <211> LENGTH: 7  
328 <212> TYPE: PRT  
329 <213> ORGANISM: Artificial Sequence  
331 <220> FEATURE:  
332 <223> OTHER INFORMATION: Synthesized  
334 <400> SEQUENCE: 24  
335 Lys Ser Ala Gln Leu Val Arg  
336 1 5  
339 <210> SEQ ID NO: 25  
340 <211> LENGTH: 7  
341 <212> TYPE: PRT  
342 <213> ORGANISM: Artificial Sequence  
344 <220> FEATURE:  
345 <223> OTHER INFORMATION: Synthesized  
347 <400> SEQUENCE: 25  
348 Gln Ser Ser Thr Leu Val Arg  
349 1 5  
352 <210> SEQ ID NO: 26

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 03/01/2005  
PATENT APPLICATION: US/10/646,919      TIME: 07:40:47

Input Set : A:\TSRI 645.2C1.TXT  
Output Set: N:\CRF4\03012005\J646919.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:114; N Pos. 7,8,9,26,27,28

Seq#:127; N Pos. 2,3,5,6,8,9,11,12,14,15,17,18

Seq#:128; N Pos. 2,3,5,6,8,9,11,12,14,15,17,18

Seq#:129; N Pos. 2,3,5,6,8,9,11,12,14,15,17,18,20,21,23,24,26,27

## VERIFICATION SUMMARY

DATE: 03/01/2005

PATENT APPLICATION: US/10/646,919

TIME: 07:40:47

Input Set : A:\TSRI 645.2C1.TXT

Output Set: N:\CRF4\03012005\J646919.raw

L:1502 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1506 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:114  
L:1510 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:114  
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:0  
L:1706 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1711 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:127  
L:1715 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:127  
L:1716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127 after pos.:0  
L:1726 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1730 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:128  
L:1731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128 after pos.:0  
L:1741 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1746 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:129  
L:1747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0